

## Abstract of the Disclosure

Title: Plant-based system for abatement of gaseous ammonia contamination

The air in a room can be cleaned of ammonia by passing the air through green plants grown hydroponically. The air passes through a falling curtain of droplets of the hydroponic water, whereby the ammonia goes into solution in the water. Microbes colonised on the roots of the green plants break down the ammonia in the hydroponic water, and assimilate the nitrogen into the plant tissue.

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